

## Product Datasheet

### Anti-h IgG 7701 SPRN-10 100152

<b>Product Name</b>	Anti-h IgG 7701 SPRN-10
<b>Catalog Number</b>	100152
<b>Description</b>	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
<b>Tested Applications</b>	FIA
<b>Alternative Names</b>	Anti-human immunoglobulin G
<b>Brand</b>	Medix Biochemica
<b>Form/Appearance</b>	Liquid, may turn slightly opaque during storage
<b>Concentration</b>	> 10.0 mg/ml
<b>Storage</b>	+2-8°C
<b>Isotype</b>	IgG2a
<b>Clonality</b>	Monoclonal
<b>Epitope</b>	Recognizes an epitope in the Fc region of IgG
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	$KA = 2 \times 10^{10} \text{ 1/M}$
<b>Associated Products</b>	<b>Native IgG antigen Lee Biosolutions 340-28</b>
<b>Buffer</b>	37 mM citrate, 125 mM phosphate, pH 6.0, 0.9 % NaCl, 0.095 % NaN3 as a preservative
<b>IEF Profile</b>	6.7-7.8
<b>Cross Reactivity</b>	Human IgG1 147 %, Human IgG2 150 %, Human IgG3 94 %, Human IgG4 2.1 %, Human IgM 0.6 %, Human IgA 0.3 %, Goat IgG < 0.01 %, Rabbit IgG < 0.01 %, Equine IgG < 0.01 %, Porcine IgG < 0.01 %, Bovine IgG < 0.01 %, Ovine IgG < 0.01 %
<b>Specificity</b>	Antibody recognizes human immunoglobulin G
<b>Shelf Life</b>	36 months
<b>References</b>	Roivainen, M., Alfthan, G., Jousilahti, P., Kimpimäki, M., Hovi, T., and Tuomilehto, J., (1998) Enterovirus infections as a possible risk factor for myocardial infarction. Circulation, 98:2534-2537